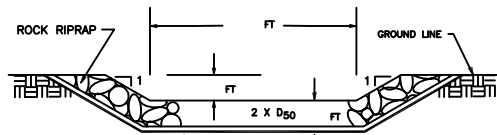
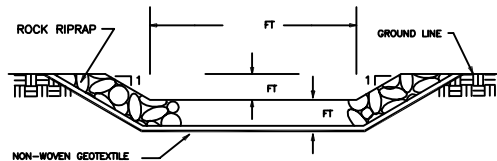


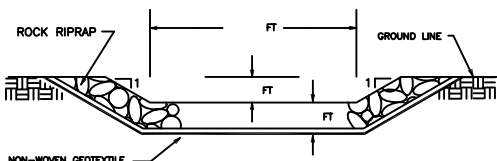
CHUTE ANCHOR DETAIL
(NOT TO SCALE)



TYPICAL SECTION J-J
(NOT TO SCALE)



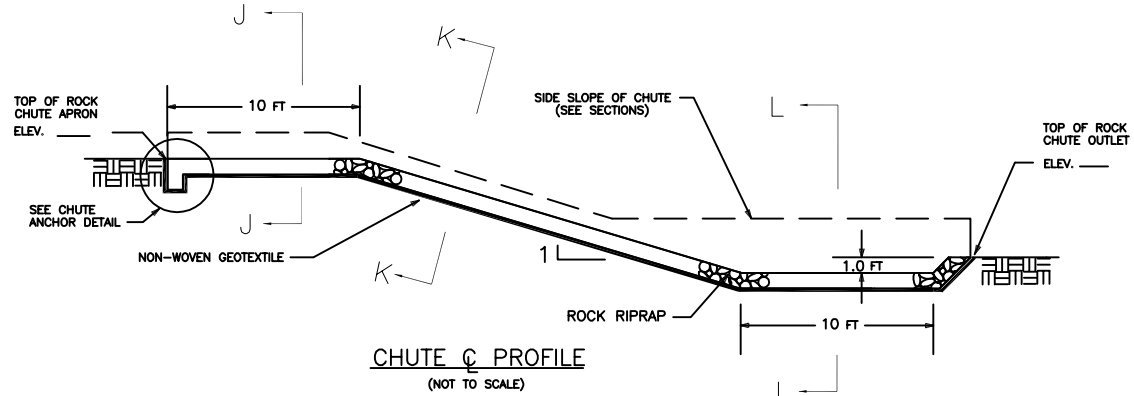
TYPICAL SECTION K-K
(NOT TO SCALE)



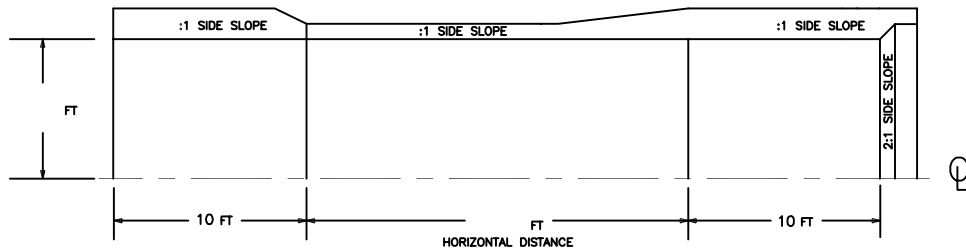
TYPICAL SECTION L-L
(NOT TO SCALE)

STANDARD ROCK GRADATIONS

ROCK SIZE (IN)	% SMALLER THAN
2.0 x D ₅₀	100
1.5 x D ₅₀	60-85
1.0 x D ₅₀	25-50
0.5 x D ₅₀	5-15



CHUTE & PROFILE
(NOT TO SCALE)



HALF PLAN
(NOT TO SCALE)

CHUTE QUANTITIES

QUANTITY	UNIT	ITEM
_____	CU. YDS.	EXCAVATION
_____	CU. YDS.	EARTHFILL
_____	SQ. YDS.	GEOTEXTILE
_____	CU. YDS.	ROCK RIPRAP D ₅₀ = _____ IN

CONSTRUCTION NOTES

1. GEOTEXTILE AND ROCK SHALL NOT BE PLACED UNTIL THE SUBGRADE SURFACE HAS BEEN INSPECTED AND APPROVED BY AN NRCS TECHNICIAN.
2. ROCK RIPRAP SHALL MEET THE REQUIREMENTS OF NRCS CONSTRUCTION SPECIFICATION MN-212.
3. ROCK PLACEMENT SHALL BEGIN AT THE BOTTOM OF SLOPE.
4. ROCK SHALL NOT BE DROPPED MORE THAN 3 FT. ONTO GEOTEXTILE.
5. A SUFFICIENT AMOUNT OF ROCK SHALL BE HAND PLACED TO SECURE CONTACT BETWEEN STONES AND INSURE A NEAT, UNIFORM SURFACE.

MATERIALS NOTES

1. GEOTEXTILE SHALL BE NON-WOVEN, CLASS I, AND MEET THE REQUIREMENTS OF NRCS MATERIAL SPECIFICATION MN-592.
2. ROCK RIPRAP SHALL MEET THE REQUIREMENTS OF NRCS MATERIAL SPECIFICATION MN-523, ROCK FOR RIPRAP.